## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO.  | DATE    |  |  |
|---------------------------|----------|---------|---------|--|--|
|                           |          |         |         |  |  |
| FEE DETERMINATION         |          |         |         |  |  |
| O.I.P.E. CLASSIFIER       | <u> </u> |         |         |  |  |
| FORMALITY REVIEW          | 121113   | 1 10976 | 1-24-01 |  |  |
| RESPONSE FORMALITY REVIEW |          |         |         |  |  |
|                           |          |         |         |  |  |

## **INDEX OF CLAIMS**

| Rejected                                       | N Non-elected |
|--|---------------|
| = Allowed                                      | IInterference |
| <ul> <li>(Through numeral) Canceled</li> </ul> | A Appeal      |
| - Restricted                                   | O Objected    |

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|   | Final | Original  | 1010     |   | July 1/2. | 3        | 2/10/02 | 21:010 | 9 29 103  |          |  |          |          |              |            |
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| ۲ |       | -   | Г        | 1 |           | 1        |         |        |           |          | Г  |          | П        | П            |            |
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|   |       | 3   |          |   |           |          |         |        |           |          |  | L        | L        |              |            |
|   |       | 6   |          |   |           |          |         |        |           | <u>_</u> | L  | L        | ┖        |              |            |
| L |       | 7   | L        | 4 | _         |          | _       | _      |           |          | _  | _        | <u> </u> | _            | _          |
| L |       | B   | L        | 4 |           | _        | _       | _      |           | _        | _  | L        | <u> </u> | <u> </u>     | _          |
| L |       | 10  | L        | 4 |           | _        | _       |        |           | <u> </u> | <u> </u>   | ⊢        | ├-       | ╄            | ┡          |
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| Ł | 4     | #   | -        | 4 | _         | 4        | -       | _      | H         | -        | -  | $\vdash$ | ├        | $\vdash$     | -          |
| H | -     | Ľ   | -        | 4 | _         | $\dashv$ |         | _      | -         | $\vdash$ | -  | -        | -        | ╁            | -          |
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| ŀ |       | 2   | t        | 7 | H         |          | r       | _      | ┢         | ı        | <del>                                     </del> | T        | 1        | 1            | Г          |
| r | _     | 29  | S        |   | ~         | ī        | -       | 7      | =         |          | 1  | T        |          | 1            | Т          |
| r |       | 30  | ľ        | ī | Ī         |          | Ĭ       |        | -         |          | 1  |          | T        |              | Γ          |
| r |       | 31  | Γ        | Γ | П         |          | Г       | Г      | 20 2      | _        |  | T        | Ť        | 1            |            |
| r |       | 32  | Т        | Γ | П         |          |         | Γ      | _         |          | Γ  |          |          |              |            |
| ľ |       | 33  |          | Γ |           |          |         |        | _=        |          |  | Γ        |          |              |            |
|   |       | 34  | Π        |   | Ĺ         | Ĺ        |         | Ĺ      | =         |          |  | L        | Ľ        |              |            |
| Ĺ |       | 35  | П        |   | Ĺ         | L        | Ц       | L      | =         | L        |  | L        | $\perp$  | $\perp$      | _          |
| Ĺ |       | 36  |          |   | L         | L        | Ľ       | L      | 2000      | $\perp$  | $\perp$  | 1_       |          | 1            | <b> </b> _ |
| 1 |       | 37  |          | _ | L         | L        | L       | L      | 0         | ┖        | $\perp$  | 1_       | $\perp$  | $\perp$      | 1          |
| 1 |       | 38  | -        | L | L         | L        | L       | 1      | 0         | L        | Ļ  | 1        | $\perp$  | <del> </del> | <u> </u>   |
| ļ |       | 39  | _        | L | L         | L        | L       | 1      | 0         | $\perp$  | 1  | 1        | 1        | ↓_           | 1          |
| L |       | 40  | 1        | L | L         | L        | L       | 1      | =         | L        | 1  | $\perp$  | 1        | $\perp$      | $\perp$    |
| 1 |       | 41  | _        | L | L         | L        | L       | 1      | Li        | _        | $\perp$  | 1        | 1        | 1            | 1_         |
| - |       | 42  | -        | L | L         | L        | Ĺ       | 1      | Ц         | L        | L  | 1        | $\perp$  | 1            | L          |
| 1 |       | 43  | +        | ļ | L         | L        | L       | 1      | $\sqcup$  | _        | ļ  | ot       | 1        | 1            | <u> </u>   |
|   |       | 44  | _        | l | L         | 1        | L       | L      | Ц         | L        | 1  | 1        | 1        | $\perp$      | L          |
| 1 |       | 45  | -        | 1 | L         | ľ        | L       | 1      | $\coprod$ | 1        | 1  | $\perp$  | $\perp$  | 1            | $\perp$    |
| - |       | 46  | -        | 1 | 1         | L        | Ļ       | 1      | Н         | $\perp$  | $\perp$  | $\perp$  | 1        | ╀-           | $\perp$    |
| - |       | 47  | _        |   | Ļ         | ļ        | L       | 1      | $\coprod$ | <u> </u> | 1  | 1        | 1        | 1            | 1          |
| - |       | 48  |          | 1 | Ţ,        | <u>ل</u> | 1       | 1      | 1         | ╄        | ╄-   | 4        | ╀        | $\downarrow$ | 4          |
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| Final    | Original             |          | 10131/02     | 31603                                  | chroli   |              |                                      |              |  |          |          |  |  |  |
| Ē        |                      |          | 2            | 6                                      | 7        |              |                                      |              |  | L        |          |  |  |  |
|          | 5                    | 4        | V            | N                                      |          |              |                                      |              |  |          |          |  |  |  |
| П        | 52                   | Π        | マ            | П                                      | Г        |              |                                      |              |  |          |          |  |  |  |
|          | 5<br>5               | Ħ        | V            | H                                      |          | Г            |                                      |              |  |          |          |  |  |  |
| $\vdash$ | -                    | H        | ┰            | H                                      | r        | -            | Н                                    |              |  | Н        |          |  |  |  |
| Н        | 5 <del>4</del><br>56 | H        | 17           | t                                      | ┢        | $\vdash$     |                                      |              | _  | Н        |          |  |  |  |
| $\vdash$ | <del>56</del>        | H        | N            | Ù                                      | 0        | Н            | -                                    | _            |  | $\vdash$ | _        |  |  |  |
| 4        | 57                   | H        | 17           | Ť                                      | 0        | -            |                                      |              | _  | $\vdash$ | _        |  |  |  |
| -        | 58                   | H        | H            | H                                      | _        | -            | -                                    | -            |  | H        | _        |  |  |  |
| $\vdash$ |                      | H        | Н            | H                                      | 0        |              | -                                    |              |  | H        |          |  |  |  |
| =        | 59                   | Y.       | V            | V                                      | -        | -            |                                      |              | -  | H        |          |  |  |  |
|          | 60<br>61             | <u> </u> | $\vdash$     | ⊢                                      |          | ├            |                                      | _            |  | H        |          |  |  |  |
| Ш        |                      | ┡        | ┞            | <u> </u>                               | ⊢        | <del> </del> |                                      |              |  | <u> </u> |          |  |  |  |
| Ш        | 62                   | <u> </u> | ┞-           | <b>.</b>                               | ļ        | <u> </u>     | $\vdash$                             | _            | _  |          | _        |  |  |  |
| <u> </u> | 63                   | ·        | <u> </u>     | <u> </u>                               | $\vdash$ | <del> </del> | $\vdash$                             | Н            |  | $\vdash$ | _        |  |  |  |
| Ŀ        | 64                   | $\vdash$ |              | ļ                                      | <u> </u> | <u> </u>     | <u> </u>                             | $\vdash$     |  | H        |          |  |  |  |
| L.       | 65                   | _        | <u> </u>     |  | <u> </u> | <u> </u>     |                                      | <u> </u>     |  | Щ        | _        |  |  |  |
| <u></u>  | 66                   | L        | <del> </del> | <b> </b>                               |          | L_           | <u> </u>                             |              |  | _        |          |  |  |  |
| L        | 67                   | _        | <u> </u>     | L                                      | _        | _            | _                                    |              |  | _        |          |  |  |  |
| L_       | 68                   | L        | L            | L                                      |          | _            |                                      |              |  |          |          |  |  |  |
|          | 69                   | L        |              | L.                                     |          |              |                                      |              |  |          |          |  |  |  |
|          | 70                   |          |              |  |          |              |                                      |              |  |          |          |  |  |  |
|          | 71                   | Г        |              | _                                      |          |              |                                      |              |  | Г        |          |  |  |  |
|          | 72                   |          |              | Π                                      | Г        |              |                                      |              |  |          |          |  |  |  |
|          | 73                   | Г        |              | Г                                      |          |              |                                      |              |  | П        |          |  |  |  |
| Г        | 74                   |          |              | 1                                      | Г        |              |                                      | Г            |  | П        |          |  |  |  |
|          | 75                   | Г        | Г            |  | П        |              |                                      |              |  |          |          |  |  |  |
|          | 76                   |          | Ī            |  |          |              |                                      |              |  | L.,      |          |  |  |  |
| $\Gamma$ | 77                   |          |              |  |          |              |                                      |              |  |          |          |  |  |  |
|          | 78                   |          |              | Π                                      |          |              |                                      |              |  | _        |          |  |  |  |
| _        | 79                   | Γ        | 1            | Г                                      | 1        |              |                                      |              | Г  | Π        |          |  |  |  |
|          | 80                   | $\vdash$ | T            | Г                                      |          |              |                                      |              |  | П        | Γ        |  |  |  |
|          | 81                   | 1        | T            |  |          |              |                                      | Г            |  |          |          |  |  |  |
|          | 82                   | T        |              | 1                                      | T        | <u> </u>     |                                      | Г            |  |          |          |  |  |  |
| -        | 83                   | T        | T            | T                                      | 1        | T            | Ι                                    |              | Г  | Г        |          |  |  |  |
|          | 84                   | T        | †            | T                                      | $\vdash$ | T            |                                      | 1            | Г  | 1        | Г        |  |  |  |
| $\vdash$ | 85                   | $\vdash$ | $\dagger$    | T                                      | †        | T            | 1                                    | 1            | Г  | T        |          |  |  |  |
| $\vdash$ | 86                   | t        | 1            | T                                      | T        | $\vdash$     |                                      |              | $\vdash$   | Т        | Г        |  |  |  |
| $\vdash$ | 87                   | t        | T            | $\vdash$                               | t        | 1            | $t^-$                                | Г            | <del>                                     </del> | Т        | <u> </u> |  |  |  |
| $\vdash$ | 88                   | t        | $\vdash$     | T                                      | $t^-$    |              | 1                                    | $\vdash$     | $\vdash$   | 1        |          |  |  |  |
| $\vdash$ | 89                   |          | +            | $\dagger$                              | T        | $t^-$        | 1                                    |              | -  |          |          |  |  |  |
|          | 90                   | -        | $\top$       | T                                      | T        | 1            | T                                    | 1            | T  | T        | Г        |  |  |  |
| -        | 91                   | +        | +            | $\vdash$                               | +-       | $\vdash$     | t                                    | <del> </del> | +-   | +        | -        |  |  |  |
| $\vdash$ | 92                   | +        | +            | +                                      | $\vdash$ | ╁            | $\vdash$                             |              | -  | H        | $\vdash$ |  |  |  |
| $\vdash$ | 93                   | -        | +            | +                                      | +        | +            | +                                    | +            | +-   | +        | $\vdash$ |  |  |  |
| $\vdash$ | 94                   | +        | +-           | +                                      | +        | ╁╌           | $\vdash$                             | +-           | $\vdash$   | +        | ╁        |  |  |  |
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| -        | 96                   | +        | +            | +                                      | +-       | +            | +-                                   | +            | $\vdash$   | +-       | $\vdash$ |  |  |  |
| <u> </u> | 97                   | -        | +            | ╀                                      | +-       | ╀            | +                                    |              | -  | ╁        | -        |  |  |  |
| -        | 98                   |          | ┿            | ╂                                      | ╁        | +            | ╁                                    | ╀╌           | ╀  | $\vdash$ | $\vdash$ |  |  |  |
| $\vdash$ |                      | -        | +-           | ╁                                      | +        | ╀            | +                                    | +-           | Ͱ  | ╁        | -        |  |  |  |
| $\vdash$ | 10                   | <u> </u> | 1            | ــــــــــــــــــــــــــــــــــــــ |          |              | ــــــــــــــــــــــــــــــــــــ | Ц.           | 1  | 1        | Ц.       |  |  |  |

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| Final    | Original   |          |                |          |              |           |          |          |          |              |          |  |
| -        | 101        | $\vdash$ | $\dashv$       | $\dashv$ | $\dashv$     | $\dashv$  | -        |          |          | -            | ├        |  |
|          | 102        | Н        | -              | $\dashv$ | -            |           | =        |          |          |              |          |  |
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| _        | 105        |          |                | $\neg$   |              |           |          |          |          |              |          |  |
| _        | 106        | П        |                |          |              |           |          |          |          |              | Γ        |  |
|          | 107        |          |                |          |              |           |          |          |          |              |          |  |
|          | 108        |          |                |          |              |           |          |          |          |              |          |  |
|          | 109        |          |                |          |              |           |          |          |          | L            | L        |  |
|          | 110        |          |                | _        | _            |           |          |          |          | ļ            | <u> </u> |  |
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| _        | 119        |          |                | $\neg$   |              |           |          |          | _        |              | T        |  |
|          | 120        |          |                |          |              |           |          |          | $\vdash$ |              | _        |  |
| _        | 121        |          |                | -        |              |           |          |          | $\vdash$ | <del> </del> | ┢        |  |
|          | 122        |          |                |          |              | _         |          |          |          |              |          |  |
|          | 123        |          |                |          |              |           |          |          |          | Г            |          |  |
|          | 124        |          |                |          |              |           |          |          |          |              |          |  |
|          | 125        |          |                |          |              |           |          |          | L        | L            |          |  |
|          | 126        |          | Ш              |          |              |           |          |          |          | <b> </b>     |          |  |
|          | 127        |          | Ш              |          |              | H         |          | _        | _        | H            | <u> </u> |  |
|          | 128<br>129 |          |                |          | _            |           |          | ┝        | -        | -            |          |  |
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|          | 131        |          | -              | -        |              | H         | _        |          | $\vdash$ | ├            | $\vdash$ |  |
|          | 132        | $\vdash$ |                |          |              |           | ┢        | -        | -        |              | -        |  |
| _        | 133        |          |                | Н        | -            |           |          | ┢        |          | _            |          |  |
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|          | 135        | 1        |                |          |              |           |          |          |          |              |          |  |
|          | 136        |          |                |          |              |           |          |          |          |              | L        |  |
|          | 137        |          |                | _        |              | <u> </u>  |          | _        |          | _            | _        |  |
| L        | 138        |          | _              | _        | L            | L         | _        | <u> </u> | _        | <u> </u>     | _        |  |
| <u> </u> | 139        |          | ļ              | <u> </u> | _            | ļ         | -        |          | -        | H            | _        |  |
| _        | 140        | _        | <u> </u>       | _        | _            | _         | _        | -        |          | _            |          |  |
| L        | 14         |          | _              | <u> </u> |              | <u> </u>  | <u> </u> | -        |          | -            | -        |  |
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| H        | 149        | 1        | $\vdash$       |          |              |           |          |          | Ĺ        |              | _        |  |
| Г        | 150        |          |                | L.       |              | Ĺ.        | L        | L_       |          |              | لب       |  |

If more than 150 claims or 10 actions staple additional sheet here